

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/553,669
Source: DFWP
Date Processed by STIC: 08/24/2006

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IFWP

RAW SEQUENCE LISTING

DATE: 08/24/2006

PATENT APPLICATION: US/10/553,669

TIME: 16:28:39

Input Set : A:\sequence listing ascii.txt

Output Set: N:\CRF4\08242006\J553669.raw

3 <110> APPLICANT: STRITTMATTER, STEPHEN M.
 4 LEE, DANIEL H.S.
 5 LI, WEIWEI
 7 <120> TITLE OF INVENTION: Nogo-Receptor Antagonists for the Treatment of Conditions
 Involving
 8 Amyloid Plaques
 10 <130> FILE REFERENCE: 2159.0470001
 12 <140> CURRENT APPLICATION NUMBER: US 10/553,669
 C--> 13 <141> CURRENT FILING DATE: 2005-10-17
 15 <150> PRIOR APPLICATION NUMBER: PCT/US04/11728
 16 <151> PRIOR FILING DATE: 2004-04-16
 18 <150> PRIOR APPLICATION NUMBER: US 60/463,424
 19 <151> PRIOR FILING DATE: 2003-04-16
 21 <160> NUMBER OF SEQ ID NOS: 22
 23 <170> SOFTWARE: PatentIn Ver. 3.2
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 344
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Homo sapiens
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 34 Trp Leu Gln Ala Trp Gln Val Ala Ala Pro Cys Pro Gly Ala Cys Val
 35 20 25 30
 37 Cys Tyr Asn Glu Pro Lys Val Thr Thr Ser Cys Pro Gln Gln Gly Leu
 38 35 40 45
 40 Gln Ala Val Pro Val Gly Ile Pro Ala Ala Ser Gln Arg Ile Phe Leu
 41 50 55 60
 43 His Gly Asn Arg Ile Ser His Val Pro Ala Ala Ser Phe Arg Ala Cys
 44 65 70 75 80
 46 Arg Asn Leu Thr Ile Leu Trp Leu His Ser Asn Val Leu Ala Arg Ile
 47 85 90 95
 49 Asp Ala Ala Ala Phe Thr Gly Leu Ala Leu Leu Glu Gln Leu Asp Leu
 50 100 105 110
 52 Ser Asp Asn Ala Gln Leu Arg Ser Val Asp Pro Ala Thr Phe His Gly
 53 115 120 125
 55 Leu Gly Arg Leu His Thr Leu His Leu Asp Arg Cys Gly Leu Gln Glu
 56 130 135 140
 58 Leu Gly Pro Gly Leu Phe Arg Gly Leu Ala Ala Leu Gln Tyr Leu Tyr
 59 145 150 155 160
 61 Leu Gln Asp Asn Ala Leu Gln Ala Leu Pro Asp Asp Thr Phe Arg Asp
 62 165 170 175
 64 Leu Gly Asn Leu Thr His Leu Phe Leu His Gly Asn Arg Ile Ser Ser
 65 180 185 190

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68      195      200      205
70 Leu His Gln Asn Arg Val Ala His Val His Pro His Ala Phe Arg Asp
71      210      215      220
73 Leu Gly Arg Leu Met Thr Leu Tyr Leu Phe Ala Asn Asn Leu Ser Ala
74 225      230      235      240
76 Leu Pro Thr Glu Ala Leu Ala Pro Leu Arg Ala Leu Gln Tyr Leu Arg
77      245      250      255
79 Leu Asn Asp Asn Pro Trp Val Cys Asp Cys Arg Ala Arg Pro Leu Trp
80      260      265      270
82 Ala Trp Leu Gln Lys Phe Arg Gly Ser Ser Ser Glu Val Pro Cys Ser
83      275      280      285
85 Leu Pro Gln Arg Leu Ala Gly Arg Asp Leu Lys Arg Leu Ala Ala Asn
86      290      295      300
88 Asp Leu Gln Gly Cys Ala Val Ala Thr Gly Pro Tyr His Pro Ile Trp
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91 Thr Gly Arg Ala Thr Asp Glu Glu Pro Leu Gly Leu Pro Lys Cys Cys
92      325      330      335
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101 <213> ORGANISM: Rattus norvegicus
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107 Trp Leu Gln Ala Trp Arg Val Ala Thr Pro Cys Pro Gly Ala Cys Val
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110 Cys Tyr Asn Glu Pro Lys Val Thr Thr Ser Arg Pro Gln Gln Gly Leu
111      35      40      45
113 Gln Ala Val Pro Ala Gly Ile Pro Ala Ser Ser Gln Arg Ile Phe Leu
114      50      55      60
116 His Gly Asn Arg Ile Ser Tyr Val Pro Ala Ala Ser Phe Gln Ser Cys
117 65      70      75      80
119 Arg Asn Leu Thr Ile Leu Trp Leu His Ser Asn Ala Leu Ala Gly Ile
120      85      90      95
122 Asp Ala Ala Ala Phe Thr Gly Leu Thr Leu Leu Glu Gln Leu Asp Leu
123      100      105      110
125 Ser Asp Asn Ala Gln Leu Arg Val Val Asp Pro Thr Thr Phe Arg Gly
126      115      120      125
128 Leu Gly His Leu His Thr Leu His Leu Asp Arg Cys Gly Leu Gln Glu
129      130      135      140
131 Leu Gly Pro Gly Leu Phe Arg Gly Leu Ala Ala Leu Gln Tyr Leu Tyr
132 145      150      155      160
134 Leu Gln Asp Asn Asn Leu Gln Ala Leu Pro Asp Asn Thr Phe Arg Asp
135      165      170      175
137 Leu Gly Asn Leu Thr His Leu Phe Leu His Gly Asn Arg Ile Pro Ser
138      180      185      190

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140 Val Pro Glu His Ala Phe Arg Gly Leu His Ser Leu Asp Arg Leu Leu
141      195      200      205
143 Leu His Gln Asn His Val Ala Arg Val His Pro His Ala Phe Arg Asp
144      210      215      220
146 Leu Gly Arg Leu Met Thr Leu Tyr Leu Phe Ala Asn Asn Leu Ser Met
147 225      230      235      240
149 Leu Pro Ala Glu Val Leu Val Pro Leu Arg Ser Leu Gln Tyr Leu Arg
150      245      250      255
152 Leu Asn Asp Asn Pro Trp Val Cys Asp Cys Arg Ala Arg Pro Leu Trp
153      260      265      270
155 Ala Trp Leu Gln Lys Phe Arg Gly Ser Ser Ser Gly Val Pro Ser Asn
156      275      280      285
158 Leu Pro Gln Arg Leu Ala Gly Arg Asp Leu Lys Arg Leu Ala Thr Ser
159      290      295      300
161 Asp Leu Glu Gly Cys Ala Val Ala Ser Gly Pro Phe Arg Pro Phe Gln
162 305      310      315      320
164 Thr Asn Gln Leu Thr Asp Glu Glu Leu Leu Gly Leu Pro Lys Cys Cys
165      325      330      335
167 Gln Pro Asp Ala Ala Asp Lys Ala
168      340
171 <210> SEQ ID NO: 3
172 <211> LENGTH: 285
173 <212> TYPE: PRT
174 <213> ORGANISM: Homo sapiens
176 <400> SEQUENCE: 3
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183 Ala Ser Gln Arg Ile Phe Leu His Gly Asn Arg Ile Ser His Val Pro
184      35      40      45
186 Ala Ala Ser Phe Arg Ala Cys Arg Asn Leu Thr Ile Leu Trp Leu His
187      50      55      60
189 Ser Asn Val Leu Ala Arg Ile Asp Ala Ala Ala Phe Thr Gly Leu Ala
190 65      70      75      80
192 Leu Leu Glu Gln Leu Asp Leu Ser Asp Asn Ala Gln Leu Arg Ser Val
193      85      90      95
195 Asp Pro Ala Thr Phe His Gly Leu Gly Arg Leu His Thr Leu His Leu
196      100      105      110
198 Asp Arg Cys Gly Leu Gln Glu Leu Gly Pro Gly Leu Phe Arg Gly Leu
199      115      120      125
201 Ala Ala Leu Gln Tyr Leu Tyr Leu Gln Asp Asn Ala Leu Gln Ala Leu
202      130      135      140
204 Pro Asp Asp Thr Phe Arg Asp Leu Gly Asn Leu Thr His Leu Phe Leu
205 145      150      155      160
207 His Gly Asn Arg Ile Ser Ser Val Pro Glu Arg Ala Phe Arg Gly Leu
208      165      170      175
210 His Ser Leu Asp Arg Leu Leu Leu His Gln Asn Arg Val Ala His Val
211      180      185      190

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RAW SEQUENCE LISTING

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Input Set : A:\sequence listing ascii.txt

Output Set: N:\CRF4\08242006\J553669.raw

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216 Phe Ala Asn Asn Leu Ser Ala Leu Pro Thr Glu Ala Leu Ala Pro Leu
217      210      215      220
219 Arg Ala Leu Gln Tyr Leu Arg Leu Asn Asp Asn Pro Trp Val Cys Asp
220 225      230      235      240
222 Cys Arg Ala Arg Pro Leu Trp Ala Trp Leu Gln Lys Phe Arg Gly Ser
223      245      250      255
225 Ser Ser Glu Val Pro Cys Ser Leu Pro Gln Arg Leu Ala Gly Arg Asp
226      260      265      270
228 Leu Lys Arg Leu Ala Ala Asn Asp Leu Gln Gly Cys Ala
229      275      280      285
232 <210> SEQ ID NO: 4
233 <211> LENGTH: 319
234 <212> TYPE: PRT
235 <213> ORGANISM: Homo sapiens
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239  1      5      10      15
241 Ser Cys Pro Gln Gln Gly Leu Gln Ala Val Pro Val Gly Ile Pro Ala
242      20      25      30
244 Ala Ser Gln Arg Ile Phe Leu His Gly Asn Arg Ile Ser His Val Pro
245      35      40      45
247 Ala Ala Ser Phe Arg Ala Cys Arg Asn Leu Thr Ile Leu Trp Leu His
248      50      55      60
250 Ser Asn Val Leu Ala Arg Ile Asp Ala Ala Ala Phe Thr Gly Leu Ala
251 65      70      75      80
253 Leu Leu Glu Gln Leu Asp Leu Ser Asp Asn Ala Gln Leu Arg Ser Val
254      85      90      95
256 Asp Pro Ala Thr Phe His Gly Leu Gly Arg Leu His Thr Leu His Leu
257      100     105     110
259 Asp Arg Cys Gly Leu Gln Glu Leu Gly Pro Gly Leu Phe Arg Gly Leu
260      115     120     125
262 Ala Ala Leu Gln Tyr Leu Tyr Leu Gln Asp Asn Ala Leu Gln Ala Leu
263      130     135     140
265 Pro Asp Asp Thr Phe Arg Asp Leu Gly Asn Leu Thr His Leu Phe Leu
266 145     150     155     160
268 His Gly Asn Arg Ile Ser Ser Val Pro Glu Arg Ala Phe Arg Gly Leu
269      165     170     175
271 His Ser Leu Asp Arg Leu Leu Leu His Gln Asn Arg Val Ala His Val
272      180     185     190
274 His Pro His Ala Phe Arg Asp Leu Gly Arg Leu Met Thr Leu Tyr Leu
275      195     200     205
277 Phe Ala Asn Asn Leu Ser Ala Leu Pro Thr Glu Ala Leu Ala Pro Leu
278      210     215     220
280 Arg Ala Leu Gln Tyr Leu Arg Leu Asn Asp Asn Pro Trp Val Cys Asp
281 225     230     235     240
283 Cys Arg Ala Arg Pro Leu Trp Ala Trp Leu Gln Lys Phe Arg Gly Ser
284      245     250     255

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286 Ser Ser Glu Val Pro Cys Ser Leu Pro Gln Arg Leu Ala Gly Arg Asp
287          260          265          270
289 Leu Lys Arg Leu Ala Ala Asn Asp Leu Gln Gly Cys Ala Val Ala Thr
290          275          280          285
292 Gly Pro Tyr His Pro Ile Trp Thr Gly Arg Ala Thr Asp Glu Glu Pro
293          290          295          300
295 Leu Gly Leu Pro Lys Cys Cys Gln Pro Asp Ala Ala Asp Lys Ala
296 305          310          315
299 <210> SEQ ID NO: 5
300 <211> LENGTH: 284
301 <212> TYPE: PRT
302 <213> ORGANISM: Rattus norvegicus
304 <400> SEQUENCE: 5
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306 1          5          10          15
308 Arg Pro Gln Gln Gly Leu Gln Ala Val Pro Ala Gly Ile Pro Ala Ser
309          20          25          30
311 Ser Gln Arg Ile Phe Leu His Gly Asn Arg Ile Ser Tyr Val Pro Ala
312          35          40          45
314 Ala Ser Phe Gln Ser Cys Arg Asn Leu Thr Ile Leu Trp Leu His Ser
315          50          55          60
317 Asn Ala Leu Ala Gly Ile Asp Ala Ala Ala Phe Thr Gly Leu Thr Leu
318 65          70          75          80
320 Leu Glu Gln Leu Asp Leu Ser Asp Asn Ala Gln Leu Arg Val Val Asp
321          85          90          95
323 Pro Thr Thr Phe Arg Gly Leu Gly His Leu His Thr Leu His Leu Asp
324          100         105         110
326 Arg Cys Gly Leu Gln Glu Leu Gly Pro Gly Leu Phe Arg Gly Leu Ala
327          115         120         125
329 Ala Leu Gln Tyr Leu Tyr Leu Gln Asp Asn Asn Leu Gln Ala Leu Pro
330          130         135         140
332 Asp Asn Thr Phe Arg Asp Leu Gly Asn Leu Thr His Leu Phe Leu His
333 145         150         155         160
335 Gly Asn Arg Ile Pro Ser Val Pro Glu His Ala Phe Arg Gly Leu His
336          165         170         175
338 Ser Leu Asp Arg Leu Leu Leu His Gln Asn His Val Ala Arg Val His
339          180         185         190
341 Pro His Ala Phe Arg Asp Leu Gly Arg Leu Met Thr Leu Tyr Leu Phe
342          195         200         205
344 Ala Asn Asn Leu Ser Met Leu Pro Ala Glu Val Leu Val Pro Leu Arg
345          210         215         220
347 Ser Leu Gln Tyr Leu Arg Leu Asn Asp Asn Pro Trp Val Cys Asp Cys
348 225         230         235         240
350 Arg Ala Arg Pro Leu Trp Ala Trp Leu Gln Lys Phe Arg Gly Ser Ser
351          245         250         255
353 Ser Gly Val Pro Ser Asn Leu Pro Gln Arg Leu Ala Gly Arg Asp Leu
354          260         265         270
356 Lys Arg Leu Ala Thr Ser Asp Leu Glu Gly Cys Ala
357          275         280

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/553,669

DATE: 08/24/2006

TIME: 16:28:41

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